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(54) **DUAL-PLANE SEAL FOR FLUID-TIGHT
CONDUIT CONNECTION**

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285/124.1

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(57) **ABSTRACT**

A dual-plane sealing configuration for a fluid-tight conduit connection that incorporates additional sealing areas and minimizes assembly misalignment. A gasket is mounted around a conduit, sandwiched between an end-form block and a receiver, and compressed therebetween using a fastener fitted through the end-form block and threaded into the receiver. The gasket has a formed pilot that pilots around the conduit and is sandwiched between the conduit and a chamfer in the receiver to establish a secondary seal. The gasket incorporates features such as a fold-over tab and a non-uniform embossment to counteract the cantilever behavior of the conduit connection.

20 Claims, 5 Drawing Sheets

